

**DISINFECTION, DESTRUCTION OF  
NEOPLASTIC GROWTH, AND STERILIZATION  
BY DIFFERENTIAL ABSORPTION OF  
ELECTROMAGNETIC ENERGY**

**ABSTRACT OF THE DISCLOSURE**

Neoplastic tissue, viral and bacterial infections, and other physiological disorders and conditions are treated by irradiation of the host with electromagnetic radiation at a wavelength that is differentially absorbed by the offending tissue or cells. Radiation with differential absorption is also used in the sterilization of articles and packing made from synthetic polymers and for the treatment of food stuffs.

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